



Federal Communications Commission  
Washington, D.C. 20554

**DA 05-2703**

October 14, 2005

Mr. Mark J. Tauber  
DLA Piper Rudnick Gray Cary US LLP  
1200 Nineteenth Street, N.W.  
Washington, DC 20036

Re: Call Sign: E000669  
File No.: SES-MOD-20050824-01163

Dear Mr. Tauber:

On August 22, 2005, TeleCommunication Systems filed the above-captioned application for authority to modify its existing VSAT license to add emission designators and remote terminals in the conventional Ku-Band<sup>1</sup> that would communicate with four additional satellites. Pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. §25.112(a)(1), we dismiss this application as defective because of internal inconsistencies.

Specifically, in Form 312 Schedule B, you indicate that the Total Equivalent Isotropically Radiated Power (EIRP) for All Carriers is 53.0 dBW (Item E40). This value is inconsistent with the computed Total EIRP for All Carriers derived from the "25 Watts Maximum Total Input Power at the Antenna Flange (Item E38)" and "41.6 Antenna Gain Transmit (Item E41)" which are 55.6 dBW.

Moreover, in Form 312 Schedule B, you indicate that the Maximum EIRP Density per Carrier is 25.6 dBW/4 kHz for emission designator 2M04G7W. This value is less than and therefore inconsistent with the average value of 26.92 dBW/4 kHz as derived from the bandwidth of each emission and Maximum EIRP per carrier value of 54.0 indicated in your application. Additionally, the Maximum EIRP per Carrier which you indicate as 54 dBW (item E48) for emission designator 2M04G7W (item E47) is greater than and therefore inconsistent with the Total EIRP for All Carriers of 53 dBW (item E40). Given these inconsistencies, we cannot determine the proposed emission power.

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<sup>1</sup> 11.7-12.2 and 14.0-14.5 GHz bands.

Accordingly, pursuant to Section 25.112(a)(1) of the Commission's rules, 47 C.F.R. §25.112(a)(1), and Section 0.261 of the Commission's rules on delegations of authority, 47 C.F.R. §0.261, we dismiss your application without prejudice to refiling.<sup>2</sup>

Sincerely,

Scott A. Kotler  
Chief, Systems Analysis Branch  
Satellite Division  
International Bureau

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<sup>2</sup> If TeleCommunication Systems refiles an application identical to the one dismissed, with the exception of supplying the corrected information, it need not pay an application fee. *See* 47 C.F.R. §1.1109(d).